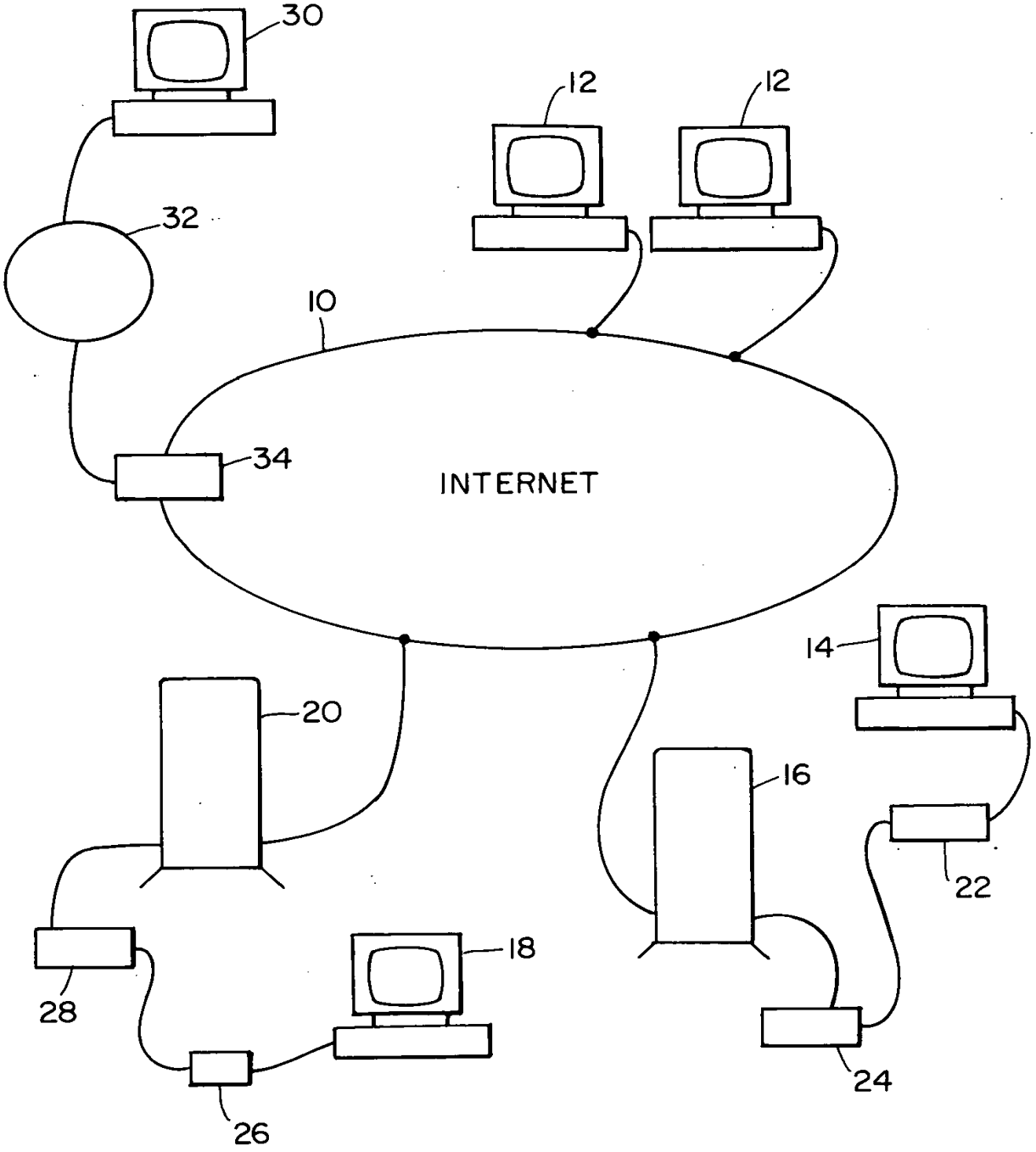

FIG. 1

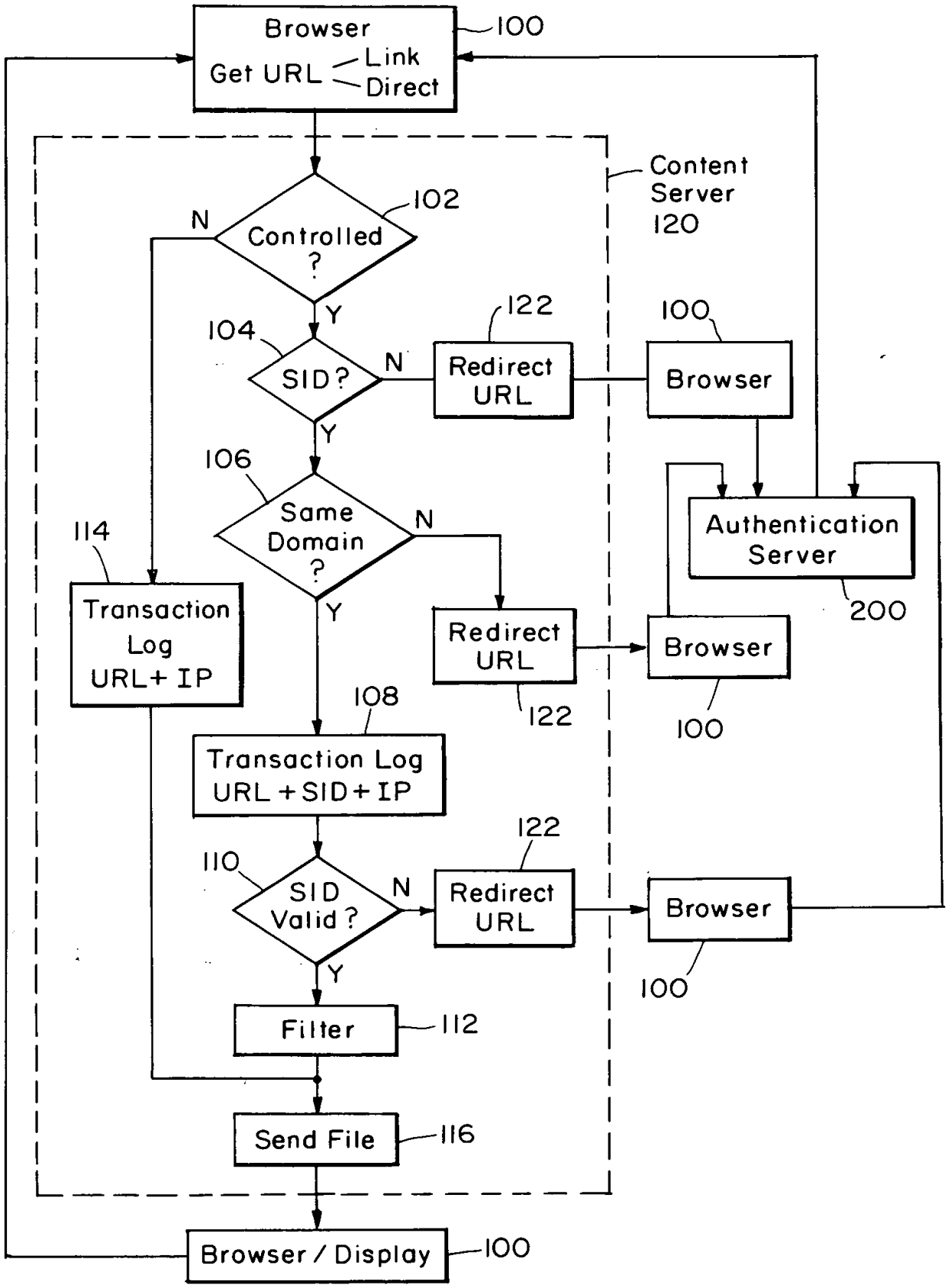
Browser
Get URL
Link
Direct
100
Content Server 120
Controlled ?
102
N
Y
SID?
104
N
Y
Redirect URL
122
Browser
100
Same Domain ?
106
N
Y
Authentication Server
200
Transaction Log URL+IP
114
Redirect URL
122
Browser
100
Transaction Log URL+SID+IP
108
SID Valid ?
110
N
Y
Redirect URL
122
Browser
100
Filter
112
Send File
116
Browser / Display
100

FIG. 2A

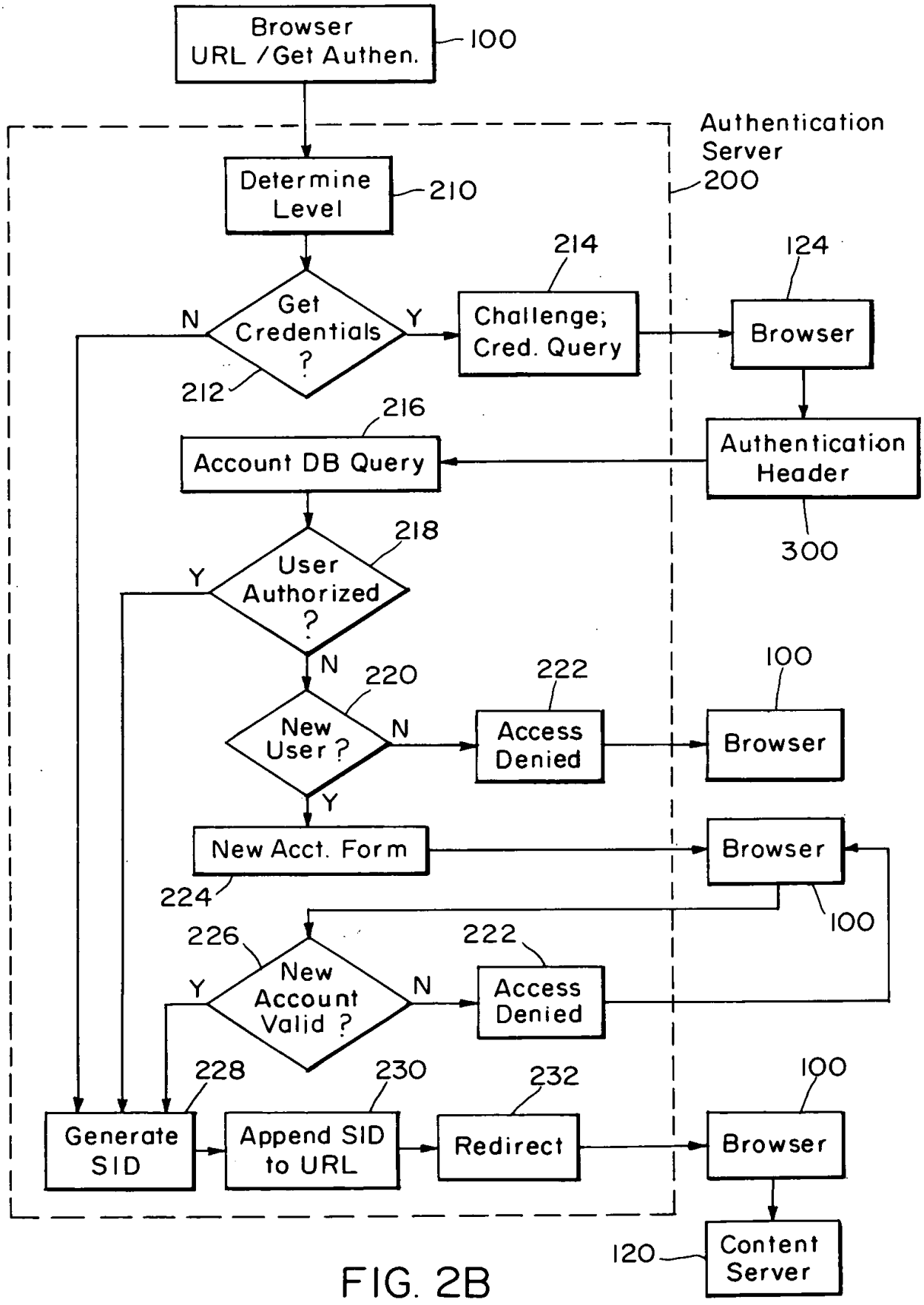
Browser
URL /Get Authen.
100
Authentication
Server
200
Determine
Level
210
214
124
Get
Credentials
?
N
Y
212
Challenge;
Cred. Query
Browser
216
Account DB Query
Authentication
Header
300
218
User
Authorized
?
Y
N
220
222
100
New
User ?
N
Access
Denied
Browser
Y
New Acct. Form
Browser
224
100
226
222
New
Account
Valid ?
Y
N
Access
Denied
228
230
232
100
Generate
SID
Append SID
to URL
Redirect
Browser
120
Content
Server

FIG. 2B

002Th0"5E28h560

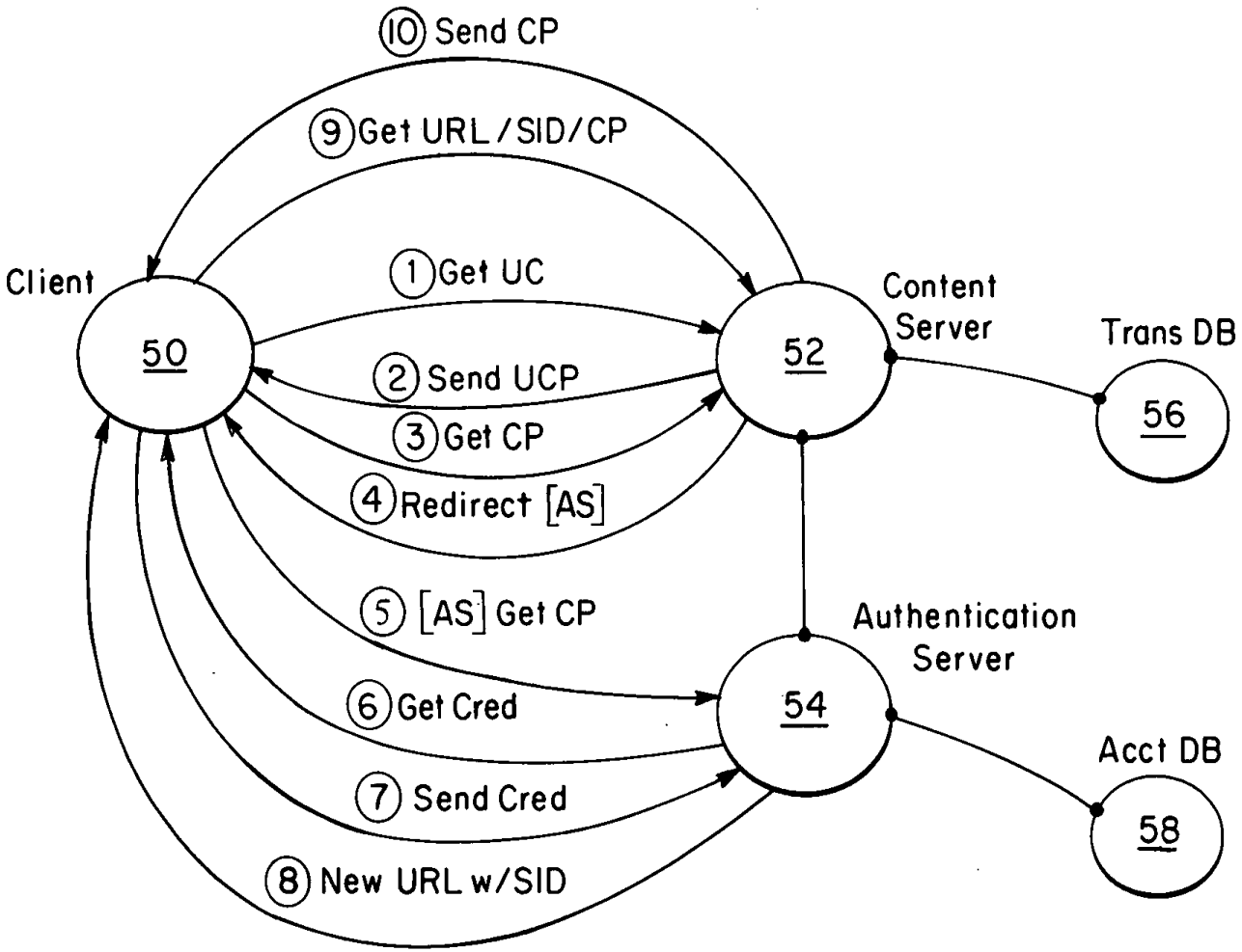

FIG. 3

198Y.1001.004

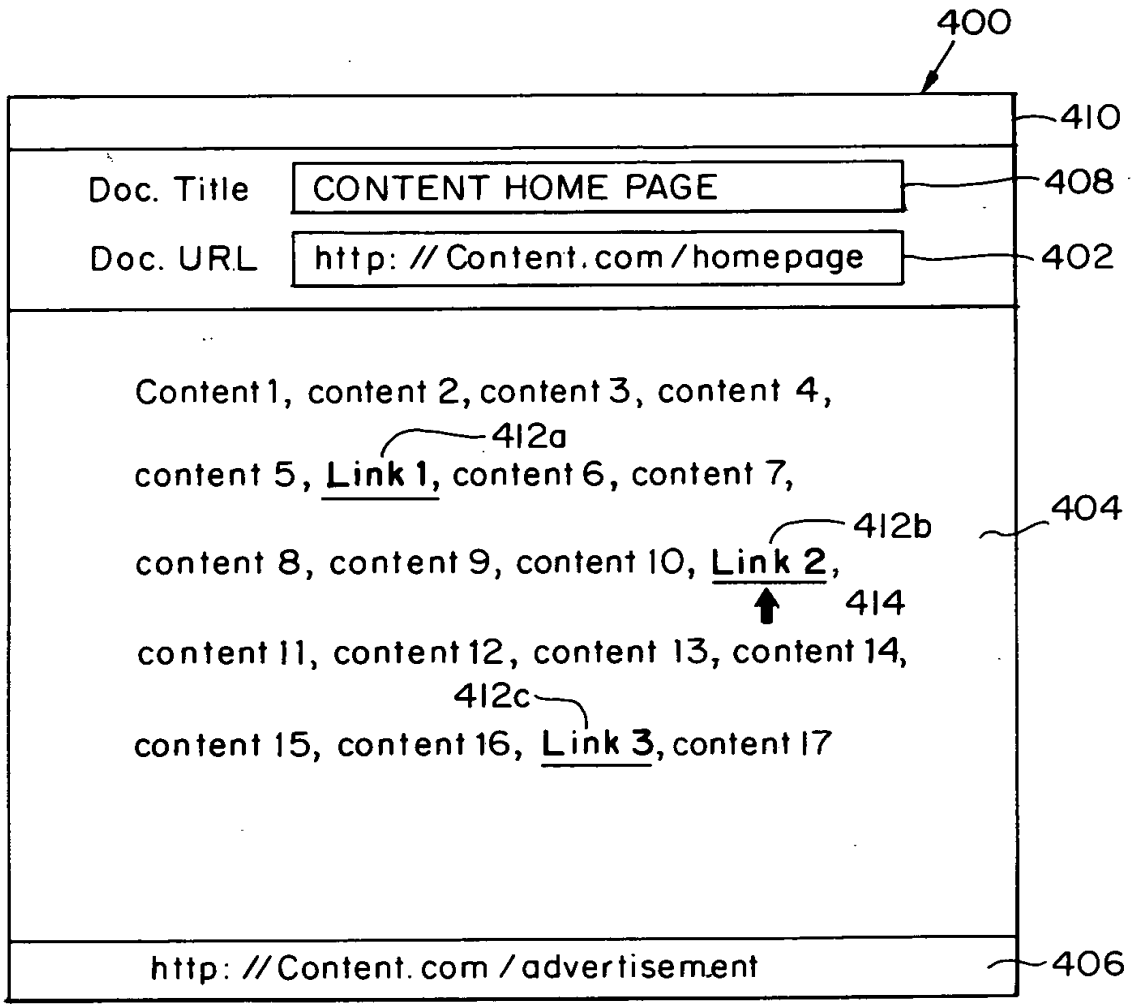
400
410
Doc. Title
CONTENT HOME PAGE
408
Doc. URL
http://Content.com/homepage
402
Content 1, content 2, content 3, content 4,
412a
content 5, Link 1, content 6, content 7,
412b
404
content 8, content 9, content 10, Link 2,
414
content 11, content 12, content 13, content 14,
412c
content 15, content 16, Link 3, content 17
http://Content.com/advertisement
406

FIG. 4

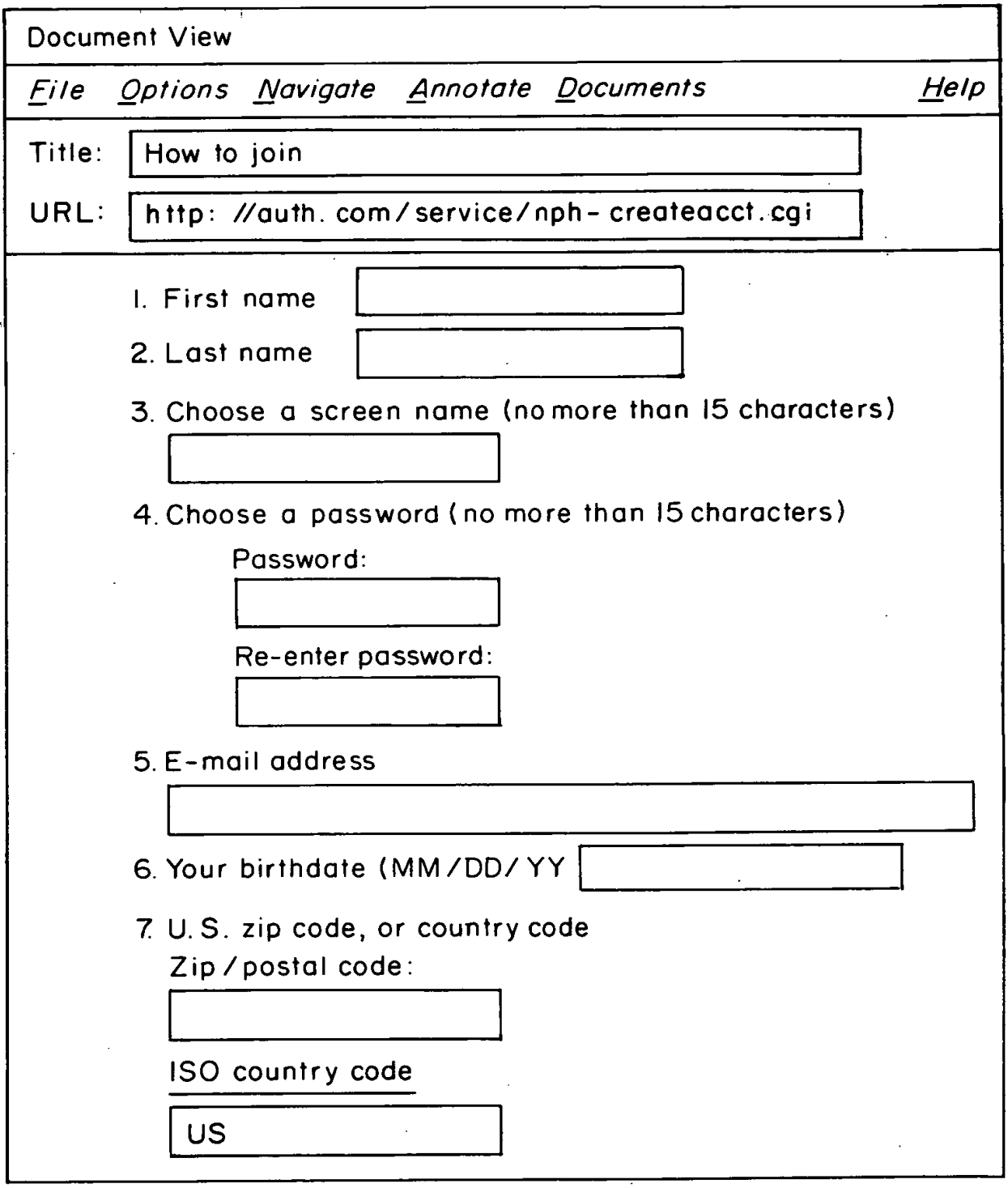

FIG. 5

0021400 - 5220404.060

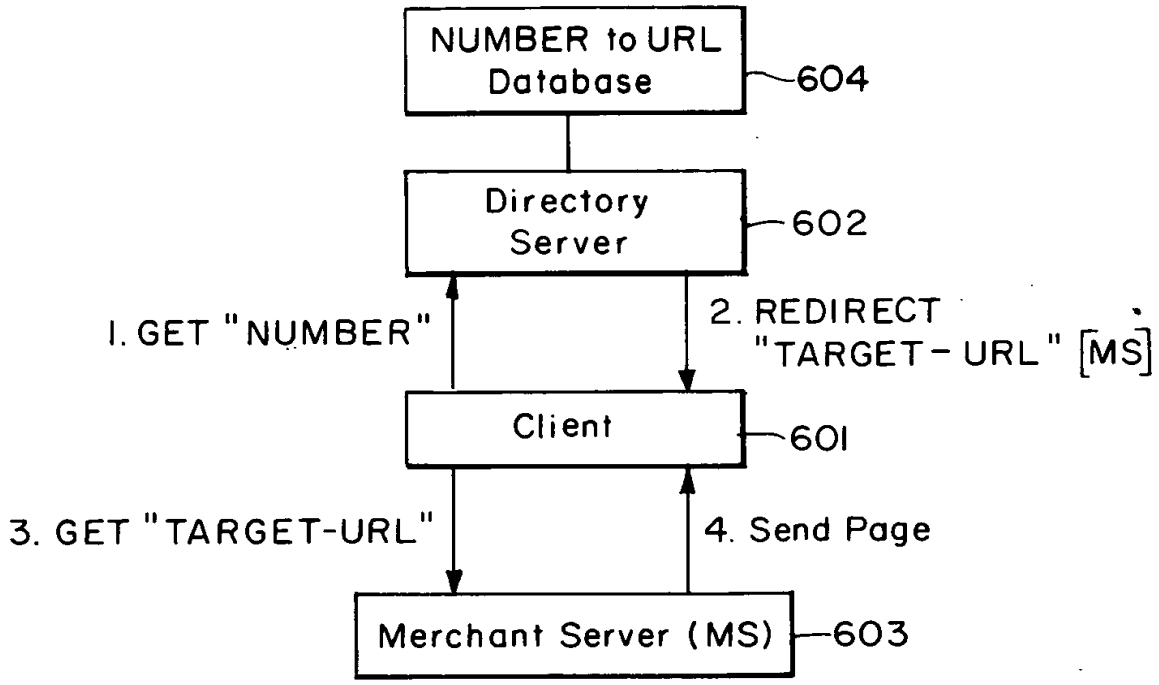
NUMBER to URL Database
604
Directory Server
602
1. GET "NUMBER"
2. REDIRECT "TARGET-URL" [MS]
Client
601
3. GET "TARGET-URL"
4. Send Page
Merchant Server (MS)
603

FIG. 6